

Title (en)

Metallic container and method and device for its manufacture

Title (de)

Behälter aus Metall, sowie Verfahren und Vorrichtung zu dessen Herstellung

Title (fr)

Réceptient en matière métallique et procédé et dispositif pour sa fabrication

Publication

EP 0879726 A3 19991027 (DE)

Application

EP 98105193 A 19980323

Priority

CH 116697 A 19970520

Abstract (en)

[origin: EP0879726A2] The metal container (1) is preferably a steel vehicle fuel tank. The tank is formed by welding two deep-drawn metal sections. The side walls (14,15), next to the welded flange (6), are bowed outwards preferably by inner pressure for the shaping. The shaping is through a fluid pressure within the tank, to give the walls a plastic distortion while the welded flange is held between clamping pads.

IPC 1-7

B60K 15/03

IPC 8 full level

B21D 26/02 (2011.01); **B21D 26/059** (2011.01); **B21D 51/18** (2006.01); **B23K 9/00** (2006.01); **B23K 33/00** (2006.01); **B60K 15/03** (2006.01); **F02M 37/00** (2006.01)

CPC (source: EP KR)

B21D 26/02 (2013.01 - KR); **B21D 26/059** (2013.01 - EP); **B21D 51/18** (2013.01 - EP); **B23K 33/004** (2013.01 - EP); **B60K 15/03** (2013.01 - EP); **B65D 7/34** (2013.01 - KR); **B23K 2101/12** (2018.07 - EP); **B60K 2015/03039** (2013.01 - KR); **F17C 2209/221** (2013.01 - KR)

Citation (search report)

- [XA] DE 2551073 B1 19761223 - BAYERISCHES RADIATORENWERK GEB
- [A] DE 19531035 A1 19970227 - ALCAN GMBH [DE]

Cited by

DE102007046059B4; US7744127B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0879726 A2 19981125; **EP 0879726 A3 19991027**; CA 2233726 A1 19981120; JP H10324164 A 19981208; KR 19980087171 A 19981205

DOCDB simple family (application)

EP 98105193 A 19980323; CA 2233726 A 19980429; JP 13534998 A 19980518; KR 19980017921 A 19980519